

AMENDMENTS TO THE SPECIFICATION:

Page 2, replace the paragraph, beginning on line 1, with the following amended paragraph:

--In order to further reduce the size of cells of the above type while conserving a test mass of sufficient weight, attempts have been made to produce the cell in a thicker plate. Nevertheless that makes the plate more difficult to machine. In such cells, the extra thickness also leads to the sensing axis of the cell being inclined relative to a normal of the plate, thereby complicating installation of the cell in the vehicle that it is to occupy. The position of the sensing axis of the cell also depends on manufacturing ~~dispersion~~ variation.--

Page 3, replace the paragraph, beginning on line 13, with the following amended paragraph:

--It is thus possible to make a plane sensor having a sensing axis which is contained in the plane of the sensor and whose position is affected little or not at all by manufacturing ~~dispersion~~ variation. In addition, with such a sensor, it is easy to arrange the link elements so that they present smaller stiffness along the sensing axis than in other directions. Specifically, the link elements work in bending for accelerations applied along the sensing axis, whereas the vibrating elements work in traction and compression, thus enabling the sensor to operate well, particularly at high frequency. Such a sensor is particularly simple to assemble. In addition, such a structure

makes it possible to have link elements which extend over the entire thickness of the plate, thereby making it easier to machine said elements. Furthermore, sensor manufacture is made easier by the fact that the link elements can be made independently of the vibrating elements, thus making it possible, optionally, to make the link elements at some other time, or to do so in a plurality of operations.--